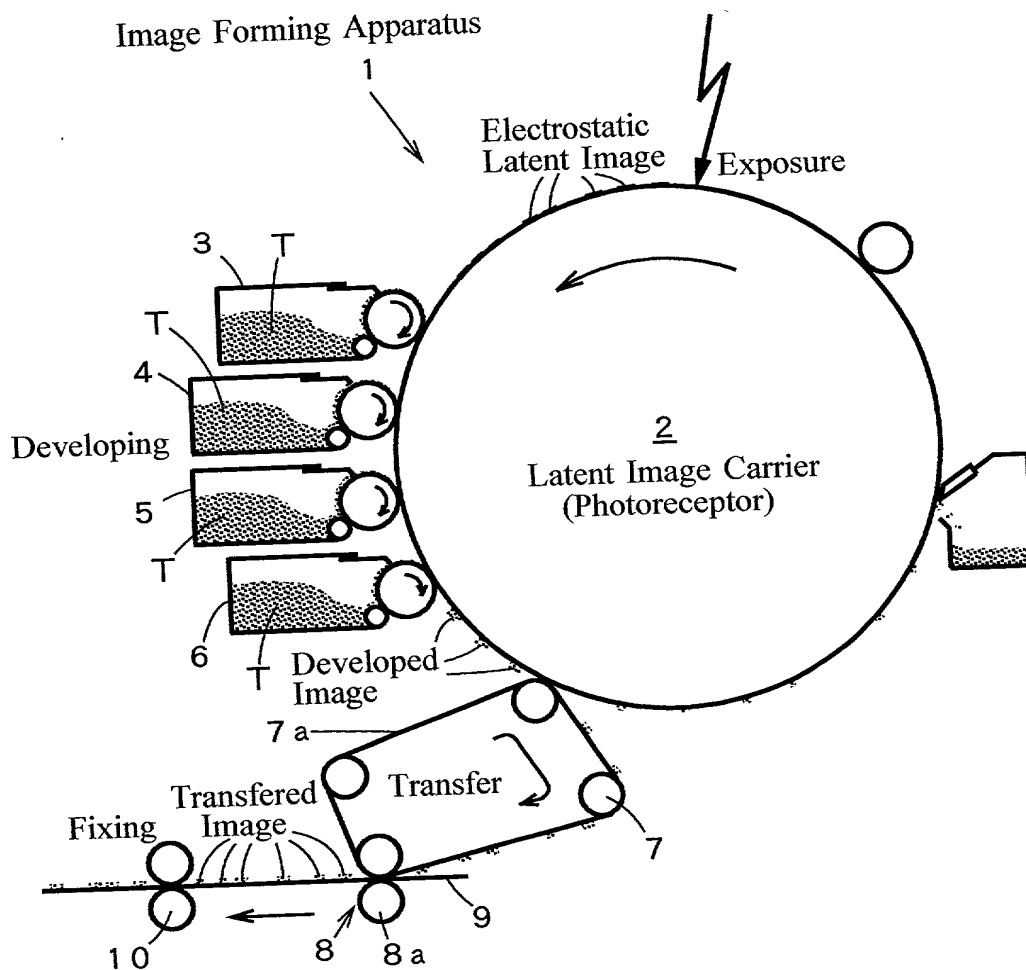


FIG. 1



~~FIG. 2~~

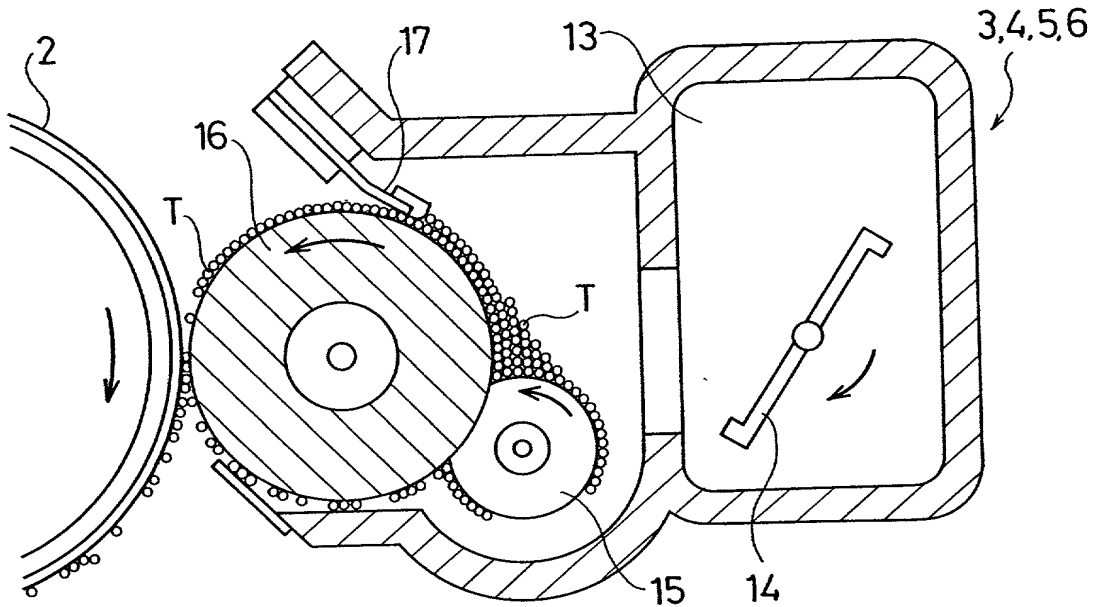


Fig 2(a)

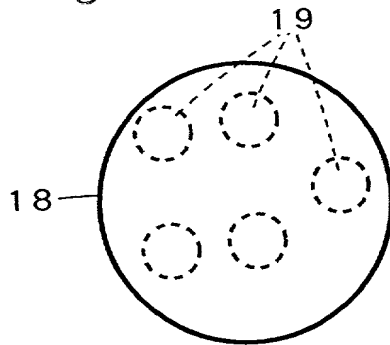


Fig 2(b)

FIG. 3

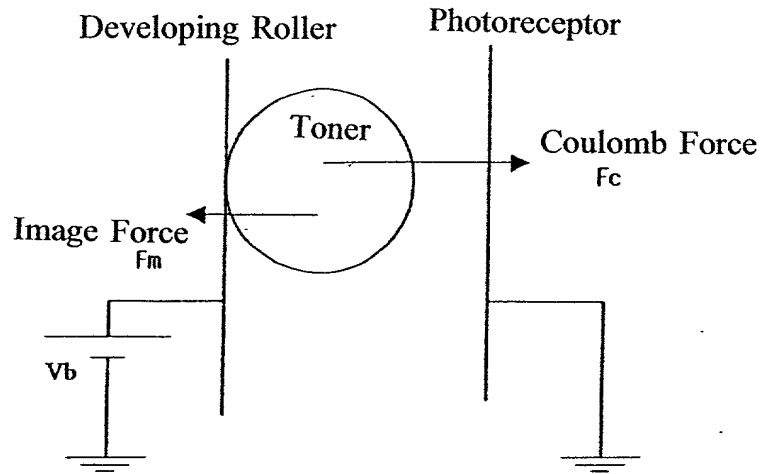
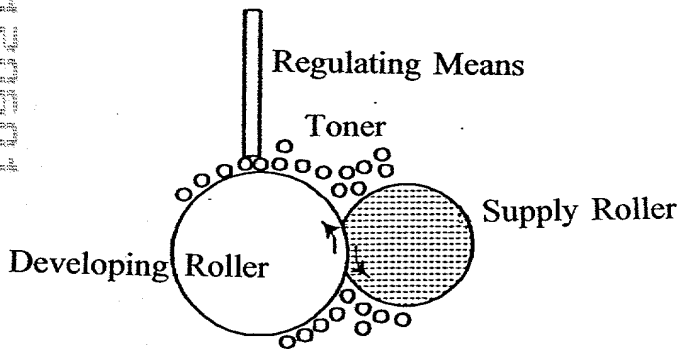
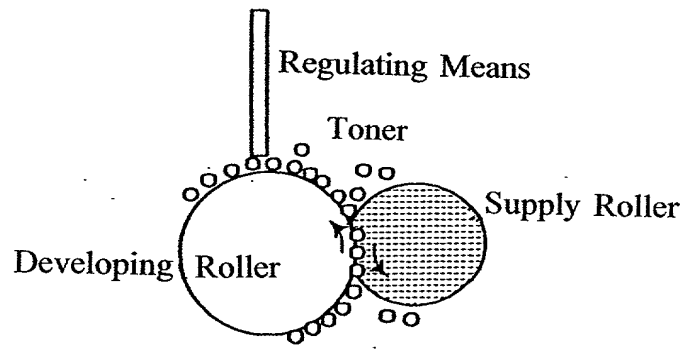


FIG. 4



Residual toner particles are peeled off so as to always allow the supply of new toner.

fig 4(a)



Because image force is so large, residual toner particles can not be completely peeled off not to allow the supply of new toner, thereby increasing the amount of charge.

fig 4(b)

FIG. 5

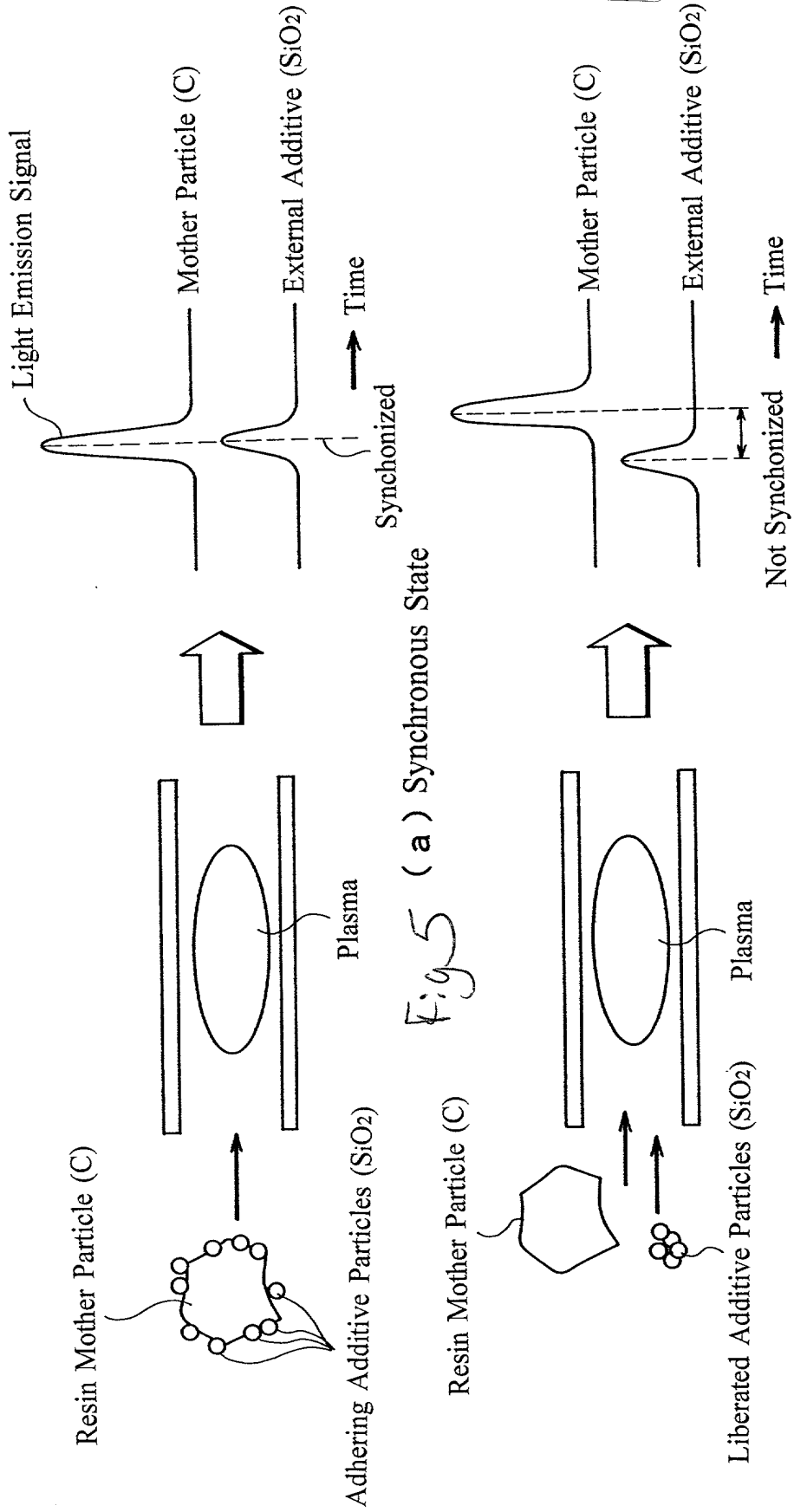


Fig 5 (a) Synchronous State

Fig 5 (b) Asynchronous State

FIG. 6

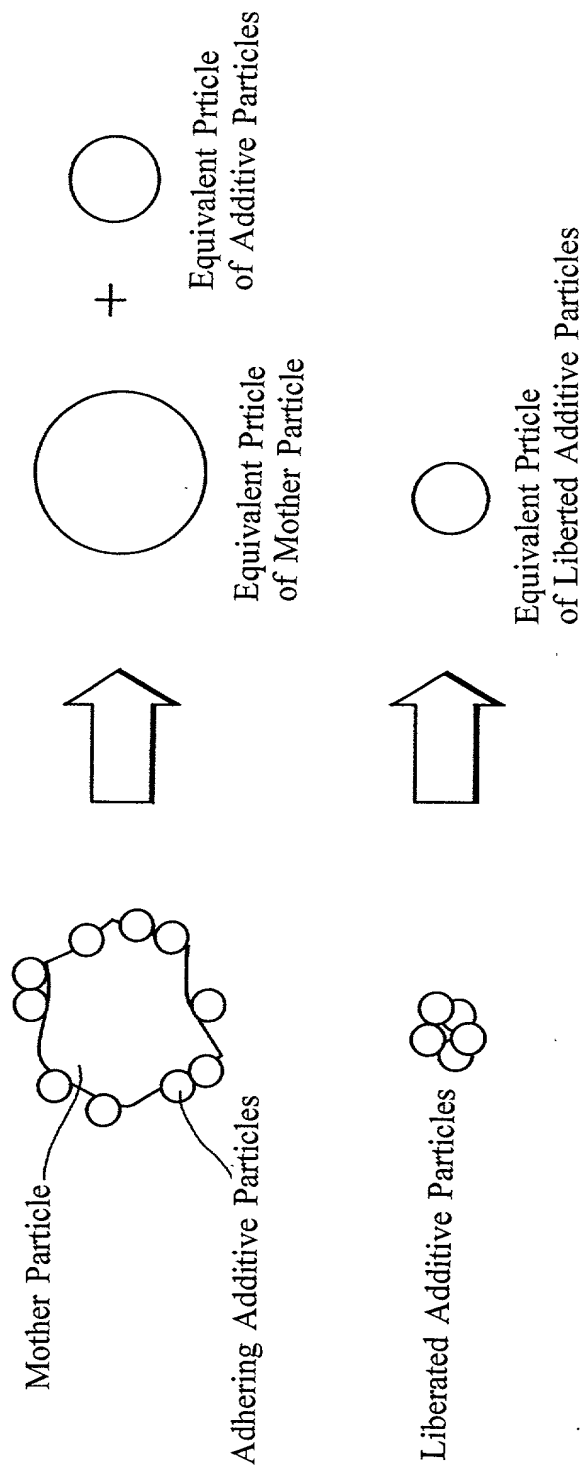
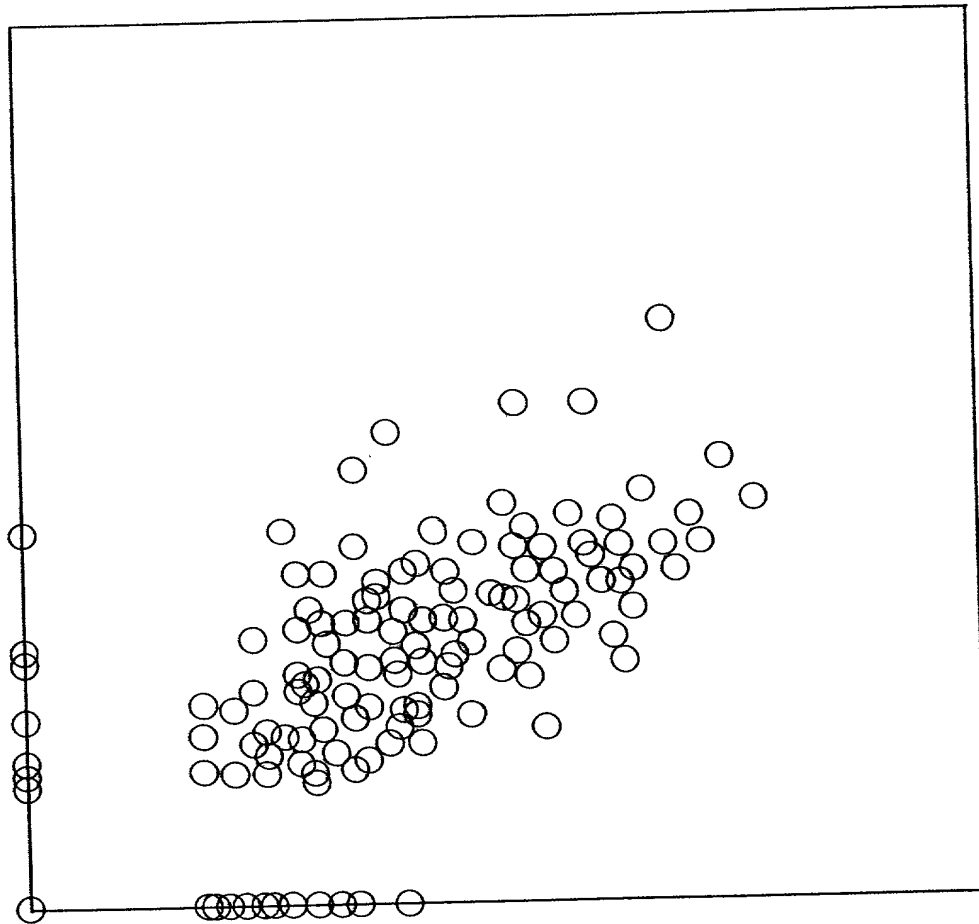


FIG. 7

Equivalent Particle Diameter  
of External Additive Particles ( $\text{SiO}_2$ )



Equivalent Particle Diameter  
of Mother Particles (C)

FIG. 8

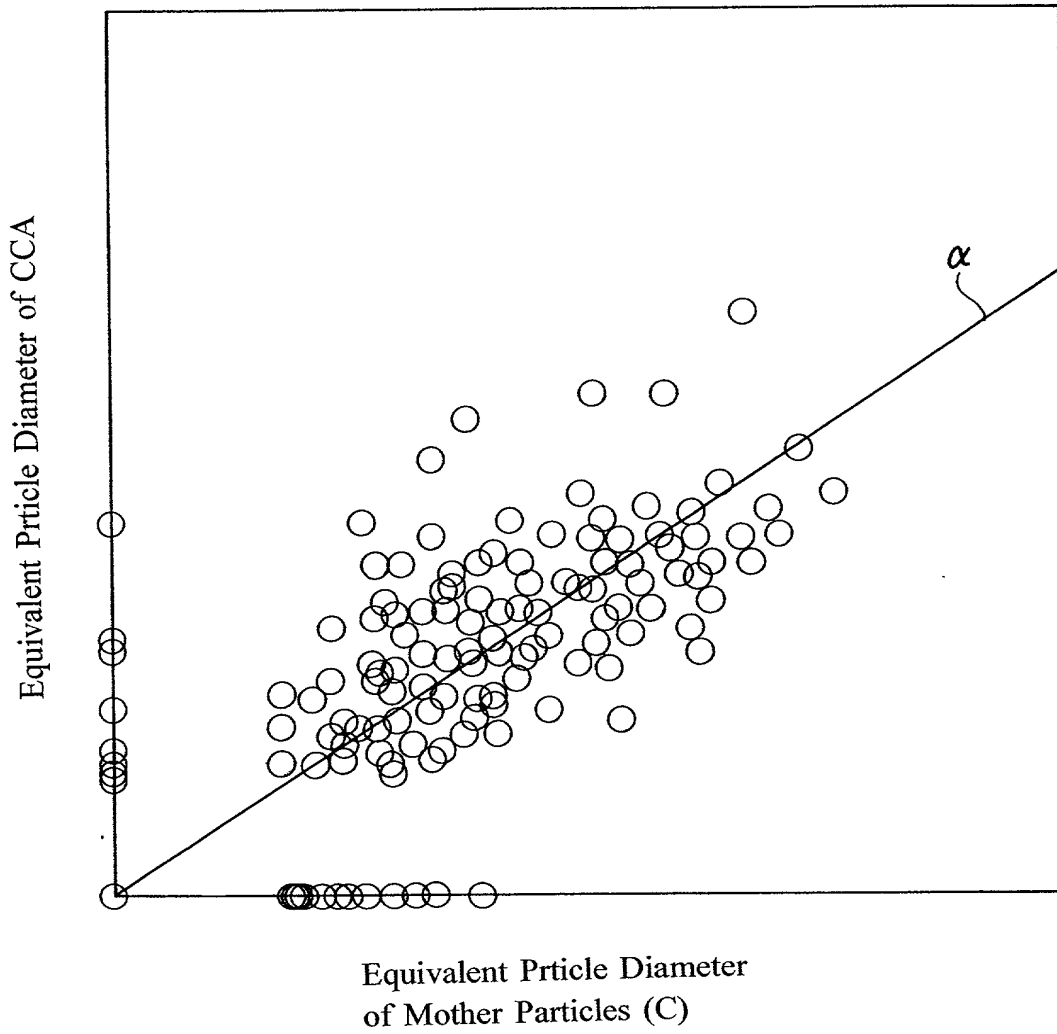


FIG. 9

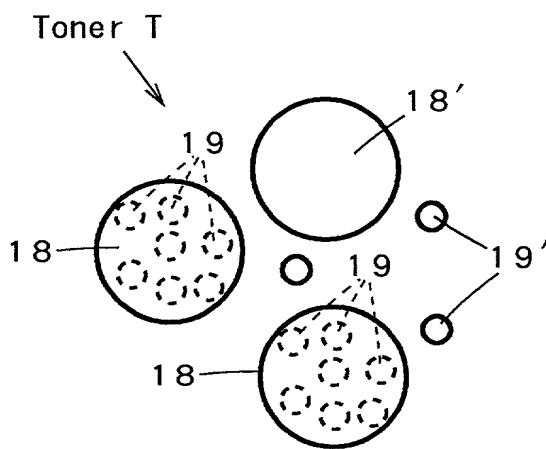


FIG. 10

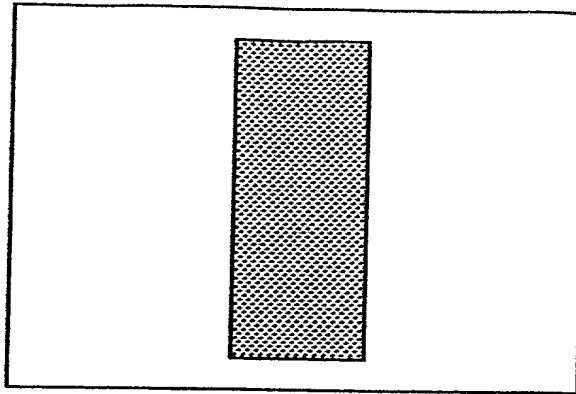
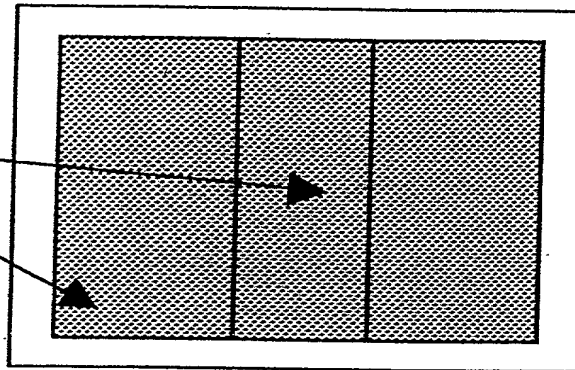


Fig 10(a)  
(a)



Evaluation depends on  
unevenness of density

Fig 10(b)  
(b)

FIG. 11

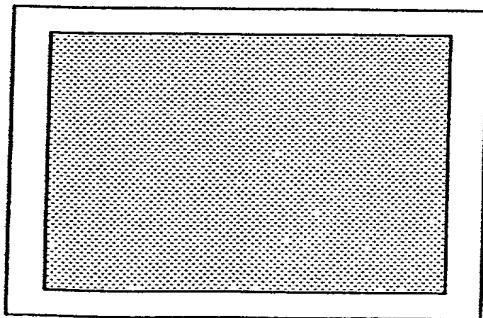


Fig 11 (a)

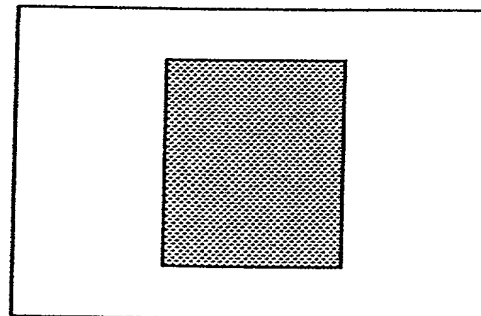


Fig 11 (b)